

Monthly Report
February 2006 Vol. 11, No. 2
Ajaib Singh, D.V.M., Ph. D.

MICROBIOLOGY REPORT: The February 2006 issue of Microbiology Monthly Report, Volume 11, presents the laboratory diagnosis of some of the infectious diseases, the reference microbiology work done in this laboratory during January 2006 and new cases of syphilis in Milwaukee during December 2005. Information on the laboratory diagnosed mycobacterial infections in Wisconsin during December is also included.

Legionnaires Disease (January 2006)

No positive case detected.

Pertussis (Whooping cough) January 2006

No positive case detected.

Syphilis (January 2006)

Test	Number Positive	Test	Number Positive
RPR	1	FTA-ABS	8
VDRL	50	DARK FIELD	0

New Cases of Syphilis

The Wisconsin Division of Health has reported 3 new cases (early stages) of syphilis during December 2005 in Milwaukee. The median age of early syphilis cases is 33.0 years (range: 32-46 years). Morbidity distributions of the disease reported in this and the corresponding month of the previous year are as follows:

New Cases of Syphilis (December 2005 and December 2004)

Stage	December of Cases	
	December 2005	January 2004
Primary syphilis	0	0
Secondary syphilis	1	0
Early latent	2	4
Late latent	0	0
Total	3	4

Gonorrhea (January 2006)

Number Tested	Decreased Susceptibility (DS)/Resistance (R) to Antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
67	2(I)	0	0	0

Gonorrhea from Other Sources (Aurora Consolidated Labs) January 2006

Number Tested	Decreased Susceptibility (DS)/Resistance (R) to Antibiotics			
	Ciprofloxacin	Ceftriaxone	Spectinomycin	Azithromycin
4	0	0	0	0

Isolates Other Than *N. gonorrhoeae* (January 2006)

Organism	Site	Number Isolates	Organism	Site	Number Isolates
<i>Ureaplasma urealyticum</i>	Genital	29	<i>Mycoplasma hominis</i>	Genital	3

Parasitic Enteric Pathogens (January 2006)

Age	Sex	Pathogen	Number Cases
21mo	F	<i>Giardia lamblia</i>	1
17	M	<i>Entamoeba histolytica/ dispar</i>	1
8	M	<i>Entamoeba coli</i>	1
		<i>Hymenolepis nana</i>	
5	M	<i>Hymenolepis nana</i>	1
		<i>Giardia lamblia</i>	
		<i>Entamoeba coli</i>	
11	M	<i>Hymenolepis nana</i>	1
		<i>Giardia lamblia</i>	
		<i>Entamoeba coli</i>	
35	M	<i>Entamoeba coli</i>	1

Mycobacterial infections (January 2006)

Age	Sex	Test Results			Identification
		Sputum Smear	Culture	DNA Probe	
37	M	-	+	+	<i>M. avium complex</i>
46	F	-	+	+	<i>M. avium complex</i>
55	M	-	+	+	<i>M. avium complex</i>
44*	M*	-	+	+	<i>M. avium complex</i>
		-	+	+	<i>M. tuberculosis</i>

* Same patient

Reference Cultures (January 2006)

Age	Sex	Site/Specimen Source	Culture Identification
60	M	Ascites fluid	<i>Bacillus species NOT B. anthracis</i>
82	F	Urine	<i>Escherichia coli</i>
26	F	Urine	<i>Escherichia coli</i>
68	F	Blood	<i>Enterococcus faecium</i>
36	M	Urine	<i>Streptococcus pneumoniae</i>
33	F	Blood	<i>Kocuria varians</i>
25	M	Blood	<i>Leclercia adecarboxylata</i>
57	M	Lt adrenal mass	<i>Agrobacterium radiobacter</i>
84	F	BAL	<i>Ralstonia pickettii</i>
4	F	Wound	<i>Bacillus megaterium</i>
21	F	Stool	<i>Yersinia enterocolitica</i>

Bacterial Enteric Pathogens (January 2006)

Age	Sex	Pathogen	Age	Sex	Pathogen
27	M	<i>Shigella sonnei</i>	66	M	<i>Salmonella enteritidis</i>
			39	M	<i>Salmonella putten</i>
			57	F	<i>Salmonella saintpaul</i>
73	F	<i>Salmonella cerro</i>	39	F	<i>Salmonella derby</i>
71	F	<i>Salmonella cerro</i>	16mo	F	<i>Salmonella typhimurium</i>